

District Construction Engineer's Meeting
January 26, 2015
2:00 PM – 4:45 PM
Video Bridge 1 / CO Conference Room 479
Agenda

CO – David Sadler, Rudy Powell, Doug Martin, Amy Tootle, Zach Wiginton, Rich Hewitt, Paul Martin, Tom Bane, Alan Autry, Suzannah Ray
D1 – Jon Sands, Brian Penny
D2 – Carrie Stanbridge, Travis Humphries
D3 – Tim Smith, Jimmy Miller, Ranae Sanders, Tim Hendrix, Zach Goodwin, Chris Sponseller
D4 – Carolyn Gish, Deb Ihsan
D5 – John Tyler, Jennifer Smith
D6 – Mario Cabrera, Barbara Espino
TP – Pete Nissen, Bill Sears
OIG - Richard Pearson, Craig Bassett
FHWA – Rafiq Darji, Chad Thompson

New/Recurring Business:

1) 2:00 PM – 2:02 PM Introductions and Agenda Overview

Roll call acknowledging those in attendance. An overview of the meeting agenda will be provided.

Summary Notes – Introductions were made recognizing those in attendance.

2) 2:02 PM – 2:03 PM CPR Issues (Sadler/Powell)

SCO will facilitate a discussion of CPR issues which have arisen since the previous meetings. Districts may bring forward any CPR issues which need to be addresses

Summary Notes – No CPR issues to discuss at this time.

3) 2:03 PM – 2:08 PM Specification Updates (Sadler/Powell)

SCO will provide an overview of recent Specification changes. Districts may bring forward any proposed specification changes.

Summary Notes – Rudy highlighted the three specifications below which are out for Industry Review.

SP0071104FEC *Legal Requirements and Responsibility to the Public -
Operations within the Right of Way.*
7100000 *Painted Pavement Markings*
0040100 *Scope of the Work (Electronic Submittal of Documents)*

<http://www2.dot.state.fl.us/SpecificationsEstimates/Development/IndustryReview.aspx>

Rudy also highlighted the DCE Memo 13-13 (Implementation of Electronic Submissions of Construction Documentation) since the information has been updated and pertains to SP0040100.

<http://www.dot.state.fl.us/construction/forms/ElectronicSubmit/electronicformssubmit.shtm>

4) 2:08 PM – 2:11 PM CPAM Updates (Sadler/Powell)

SCO will provide an overview of recent CPAM changes. Districts may bring forward any proposed specification changes. Implementation of any recently completed CPAM updates will be voted on by the group as applicable.

Summary Notes – Rudy highlighted the CPAM chapters out for review. It was noted that only one change has been made to Section 7.2.4.2 (2).

*Ch. 5.7 Federal Aid Project Requirements (Review end date 2-06-2015)
Ch. 7.2 Time Extensions (Review end date 2-06-2015)
Ch. 8.2 Environmental Permit Compliance (Review end date 2-05-2015)*

5) 2:11 PM – 2:11 PM Process Reviews – Lessons Learned (Sadler/Powell)

SCO will present highlights of recently completed Process Reviews. Opportunities for improvements and best practices will be presented to the group.

Summary Notes – No process reviews to discuss at this time.

6) 2:18 PM – 2:30 PM Contractor Past Performance Rating Issues (Reference Document Attached) (David Sadler/Zach Wiginton)

Discussion of common issues SCO has begun to see related to CPPR scoring.

Summary Notes – Zach discussed the recent issues noted by SCO related to the CPPR process and the need to get the CPPR guidelines to Project Administrators. The attached reference documents should be provided to the Project Administrators. The guidelines which are posted on SCO website are currently being updated. There is a need to provide additional training to Department staff. SCO will take the lead on developing and deploying this training.

7) 2:58 PM – 3:10 PM – Simplified Arithmetic Mean Demonstration (Reference Document Attached) (Rich Hewitt)

Rich to demonstrate the simplified arithmetic mean using the QC roadway report.

Summary Notes – Rich gave an asphalt quantity and determination presentation. Specification changes related to this process are currently out for review.

8) 3:10 PM – 3:25 PM – Streamlining Contracting (David Sadler, Rudy Powell, Amy Tootle)

Discuss unresolved disputes, the final estimates process, and whether or not the Department should continue use of this contracting method.

Summary Notes – Districts were polled to get an idea if they are in favor of continuing to use streamline contracts or discontinuing use of this contracting method all together. The majority would like to stop using streamline contracts but it is working for a few Districts that would like to keep it. Central Office will evaluate this further.

9) 3:25 PM – 3:28 PM – BlueBeam Update (Amy Tootle)

Amy to provide an update on the use of this technology.

Summary Notes – Amy provided a BlueBeam update with the software being available within the next month or so. Districts were asked to gather all of the PC numbers and OIS will be contacting each District for deployment. Manuals are currently being updated to reflect BlueBeam and in the future as-builts will be developed electronically.

Below is a list of the BlueBeam licenses each District requested. Districts were asked to be ready, in the next 2 weeks, to provide OIS with Laptop/Desktop machine numbers, that these licenses will be deployed on.

**Office of Construction
Statewide Needs**

District	BlueBeam eXtreme
1	44
2	50
3	44
4	60

5	64
6	42
7	41
TPK	42
CO	6
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	393

10) 2:11 PM – 2:18 PM Office of Inspector General Annual Risk Assessment for FY 2015/2016 (Richard Pearson)

Office of Inspector General to provide an overview of the Annual Risk Assessment for FY 2015/2016.

Summary Notes – Richard made a brief description of the survey for the Annual Risk Assessment. OIG is working with the SCO to determine which contracts will be included as part of this review.

11) 2:30 PM – 2:51 PM – Buy America Certifications from Florida Gas Transmission (Reference Document Attached) (Rudy Powell, Alan Autry, Tom Bane)

Discuss the process for obtaining Buy America certifications from FGT.

Summary Notes – Tom discussed the FGT agreement and Buy America Certifications. Jacobs Engineering Group, Inc. will provide independent reviews of all jobs with FGT to determine FGT's compliance with Buy America requirements. If the items in question are not in compliance with Buy America requirements, project staff should take the same actions they would when addressing any other Buy America non-compliance issue. Below are links to additional information referenced during the discussion of this topic.

The contractor is told to know the laws that apply to his work. 556 F.S. is one of those laws.

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FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

7-1.1 General: Become familiar with and comply with all Federal, State, and Local Rules and Regulations that control the action or operation of those engaged or employed in the work or that affect material used.

Under 556 F.S., contractors must fulfill "Excavator" obligations and FDOT must fulfill "Member Operator" obligations.

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CHAPTER 556 - UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY

556.102 Definitions.

(7) "Excavator" or "excavating contractor" means any person performing excavation or demolition operations.

(8) "Member operator" means any person who furnishes or transports materials or services by means of an underground facility.

556.105 Procedures.

(5) All member operators within the defined area of a proposed excavation or demolition shall be promptly notified through the system, except that

Further:

If the contractor is familiar with this 556 F.S. They know that Sunshine 811 isn't obligated

to call FDOT. And, FDOT isn't obligated to provide Level B locates to anyone. ----->

member operators with state-owned underground facilities located within the right-of-way of a state highway need not be notified of excavation or demolition activities and are under no obligation to mark or locate the facilities.

Under 7-11, the contractor knows he is obligated to protect FDOT property following the plans and specs. ----->

To ensure the contractor has the information he needs to construct the project, FDOT provides Level C and D locate information on the plans and tells the contractor if FDOT will provide Level B locates during construction. ----->

The contractor is clearly told they are responsible for any damage. ----->

STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

7-11 Preservation of Existing Property.

7-11.1 General: Preserve from damage all existing property within the project limits of or in any way affected by the Work, the removal or destruction of which is not specified in the plans. This applies to, but is not limited to, public and private property, public and private utilities (except as modified by the provisions of 7-11.5), trees, shrubs, crops, sod, signs, monuments, fences, guardrail, pipe and underground structures, Intelligent Transportation Systems (ITS) facilities, traffic control signals and devices, highway lighting, and public highways (except natural wear and tear of highway resulting from legitimate use thereof by the Contractor).

Department owned underground facility locations shown in the Plans are approximate. Unless otherwise shown on the Plans, Department owned underground facilities will not be located by the Department nor through notification to "Sunshine 811".

Whenever the Contractor's activities damage such existing property, immediately restore it to a condition equal to or better than that existing at the time such damage occurred, at no expense to the Department.

AGREEMENT AND GLOBAL SETTLEMENT

<http://www.dot.state.fl.us/specificationsoffice/utilities/List/Cert/FGT-Global.pdf>

FIRST AMENDMENT TO AGREEMENT AND GLOBAL SETTLEMENT

<http://www.dot.state.fl.us/specificationsoffice/utilities/List/Cert/FGT-1stAmendGlobal-1-20-15.pdf>

NATURAL GAS PIPELINE EASEMENT AGREEMENT

<http://www.dot.state.fl.us/specificationsoffice/utilities/List/Cert/FGT-Easement.pdf>

FIRST AMENDMENT TO NATURAL GAS PIPELINE EASEMENT AGREEMENT

<http://www.dot.state.fl.us/specificationsoffice/utilities/List/Cert/FGT-1stAmendEasement-1-20-15.pdf>

12) 2:51 PM – 2:58 PM Locates of Department Owned ITS Features (Pete Nissen)

Discuss locates of Department owned ITS features related to a recent Turnpike project.

Summary Notes – Pete discussed a recent project where the contractor damaged Department owned ITS lines. Tom Bane indicated as part of the discussion that the preservation of property specification applies to protect our Department owned property. Below is additional information related to this topic.

**Florida Statutes
556.105....**

(5) All member operators within the defined area of a proposed excavation or demolition shall be promptly notified through the system, except that member operators with state-owned underground facilities located within the right-of-way of a state highway need not be notified of excavation or demolition activities and are under **no obligation to mark or locate the facilities.**

(a) If a member operator determines that a proposed excavation or demolition is in proximity to or in conflict with an underground facility of the member operator, except a facility beneath the waters of the state, which is governed by paragraph (b), the member operator shall identify the horizontal route by marking to within 24 inches from the outer edge of either side of the underground facility by the use of stakes, paint, flags, or other suitable means within 2 full business days after the time the notification is received under subsection (1). If the member operator is unable to respond within such time, the member operator shall communicate with the person making the request and negotiate a new schedule and time that is agreeable to, and should not unreasonably delay, the excavator

FDOT Standard Specification

7-11 Preservation of Existing Property....

Department owned underground facility locations shown in the Plans are approximate. **Unless otherwise shown on the Plans, Department owned underground facilities will not be located by the Department nor through notification to "Sunshine 811".** Whenever the Contractor's activities damage such existing property, immediately restore it to a condition equal to or better than that existing at the time such damage occurred, at no expense to the Department. Temporary repairs may be used to immediately restore ITS facilities and traffic control signals and devices. Permanent repairs to ITS facilities and traffic control signals and devices shall be made within 90 days of any temporary repairs and prior to final acceptance of the project. Submit permanent ITS facility repair plans to the Engineer prior to beginning repair work....

13) 3:28 PM – 3:31 PM – Use of Inspector Aid and Associate Contract Support Specialist positions on Consultant CEI Contracts (David Sadler)

Discuss the use of Inspector Aid and Associate Contract Support Specialist positions relative to growth of the industry to meet the demands.

Summary Notes – David informed the group of the importance of including inspector aids on projects if senior inspectors are on the job (to train the inspector aids) in an effort to increase the level of available, qualified, trained inspectors. Below is a link to the Construction CEI Scope of Services which already include these positions.

<http://www.dot.state.fl.us/construction/DesignBuild/ConsultantCEI/ConsultantMain.shtm>

14) 3:31 PM – 3:38 PM Using Pre-Bid Q&A website to circumvent the Contract Addendum process (David Sadler)

Discuss the use of the Pre-Bid Q&A website.

Summary Notes – David discussed the requirement for the Districts to issue addenda for all items involving updates to the bid documents in lieu of using the Pre-Bid Q & A website. Any errors in the contract documents should be addressed before the project is let. Districts agree but did express the fact that they often get pushback from the designers.

15) 3:38 PM – 4:00 PM Landscaping (Rudy Powell)

Update the Districts on the Departments future use of contracting types on Landscaping projects.

*Summary Notes – Rudy gave an overview of the department's current and future approach to delivery of landscaping projects. Stand alone landscaping jobs will remain maintenance contracts. Construction contracts come with bonding requirements and landscape contractor's have expressed concerns with this requirement. When landscaping is part of a roadway construction contract, the Comptrollers office has expressed concern with the value added approach. Moving forward, when landscaping is included in a construction contract, the landscaping will be installed and the specifications will not include an establishment period. There will be no responsibilities from the landscaping contractor to maintain after installation of the landscaping. The department cannot pay maintenance contracts through EED with the exception of the Maintenance Streamline contracting program that has been approved for use only by District 5. The term "invoice" cannot be used with the maintenance standalone provision on these contracts being paid through EED. Standalone Landscape maintenance contracts must be set up as calendar day contracts in the AASHTO Projects Preconstruction system (formerly Trns*port). If this is not done and these contracts are activated in SiteManager as allowable day contracts, the contract can be switched to a calendar day contract in SiteManager at any point prior to Award of the Contract. After Award of the contract no changes in the allowable vs calendar day contract should be made.*

16) 4:00 PM – 4:14 PM – Changes to Key Personnel on Design-Build Projects (John Tyler)

John to discuss changes to key personnel on Design-Build projects after execution.

L. Key Personnel/Staffing:

The Design-Build Firm's work shall be performed and directed by key personnel identified in the expanded letter of interest and/or technical proposal by the Design-Build Firm. Any changes in the indicated personnel shall be subject to review and approval by the Department's Project Manager. The Design-Build Firm shall have available a professional staff that meets the minimum training and experience set forth in Florida Statute Chapter 455.

Summary Notes – Districts were polled to determine if there have been any challenges with teaming arrangement changes. The Chief Engineer approves teaming arrangement changes. SCO will review this section of the RFP and the Design-Build Procurement and Administration Procedure for the purpose of modifying this language if necessary.

17) 4:14 PM – 4:30 PM E-Construction (Doug Martin/John Tyler/Jennifer Smith)

Discuss the training plans for digital signatures and Project Solve for in house construction, design, project management and CEI's as well as Contractors.

Summary Notes – Doug provided the group with an update on E- Construction. Estimates approved for digital signatures and requests are being submitted and approved when appropriate. Districts were asked to begin allowing digital signatures on estimates. Training sessions begin the week of February 2. Training for staff administering the websites will be first. After initial set up is complete, we will move forward and train the end users who do the business with the Department. Contractors can complete the training through CBTs.

18) 4:30 PM – 4:35 PM Language for Contractor-supplied CEI Field Offices (Pete Nissen)

Review/Discuss Turnpike proposed changes to this Specification.

Summary Notes – Turnpike has experienced some issues with the CEI Field Offices language and Pete polled the Districts to determine if this is happening throughout the state. It was suggested that the Engineers Field Office should be included in the Consultant CEI contracts. SCO is moving forward with eliminating the Pay Item and Special Provision governing contractor supplied Engineer Field Offices. If the districts desire to use this item on future projects after this change is made, a Modified Special Provision will be required to be developed and submitted to Central Office for review and approval.

19) 4:35 PM – 4:37 PM Filling CEI Positions (Pete Nissen)

Discuss recent challenges Turnpike has faced and poll other Districts to determine if they have experienced similar issues.

Summary Notes – Pete discussed challenges on construction and BDI contracts. Districts were asked provide SCO with information related to contractor and consultant performance issues on these BDI contracts.

20) 4:37 PM – 4:40 PM Pouring/Slip-Forming Median Barriers (Pete Nissen)

Discuss pouring/slip-forming median barriers.

Summary Notes - Index 410 changed in 2010. Districts were polled to see if they were aware that median barriers with a longitudinal construction joint are being installed on their projects. SCO is working with the Roadway Design Office to have the existing standard revised to allow this joint to be constructed. It was noted that in 2010 when the index was revised, the detail allowing this construction joint was inadvertently omitted.

21) 4:40 PM – 4:46 PM PPM Chapter 34 Vibration/Settlement Monitoring Changes (Reference Document Attached) (Bill Jones)

Discuss the proposed vibration / settlement monitoring changes associated with the PPM Chapter 34.

Summary Notes – Bill provided the group with a summary of the discussion which took place at the Henry Fuller Task Team regarding the proposed Ch. 34 Protection of Existing Structures. Section 455 Structures Foundations states existing structures located within 75 feet require monitoring. SCO will revisit and review the existing language. Section 108-2.1.5 Settlement Surveying and Monitoring Requirements to be implemented in July 2015 states the monitoring interval during compaction is daily.

22) 4:46 PM – 4:50 HR Issues (Carrie Stanbridge)

Carrie to discuss issues with HR.

Summary Notes – Various HR issues were discussed.

Next DCE Meeting – February 18 & 19, 2015 (following Construction Conference)

Submit agenda items to Alan Autry by February 6, 2015